

Paediatrics Evidence Update September 2022

Produced by the Clinical Librarian Service

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If you have any further enquiries please do not hesitate to get in touch.

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The Clinical Librarian team endeavours to find as much of the latest evidence in your clinical area as possible, however make no claim as to the exhaustive nature of the update.

For more specific areas of interest within Paediatrics we would recommend a literature search or KnowledgeShare bulletin.

BMJ Best Practice

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Contents (click title to view)

NICE Guidance	Other Guidance
Cochrane Systematic Reviews	Systematic reviews from other sources
Cochrane clinical answers	Primary Research
BMJ Best Practice	Paediatric health in the News
Online Resources	Electronic Journals
UpToDate	



Most recent guidance published:

No updates.

Other Guidance/Reports

No updates.



Systematic Reviews and Research Protocols

[Dexrazoxane for preventing or reducing cardiotoxicity in adults and children with cancer receiving anthracyclines](#)

[Extracorporeal photopheresis versus standard treatment for acute graft-versus-host disease after haematopoietic stem cell transplantation in children and adolescents](#)

[Increased versus stable doses of inhaled corticosteroids for exacerbations of chronic asthma in adults and children](#)

[Surgery for the treatment of obesity in children and adolescents](#)

[Surgical interventions for bilateral congenital cataract in children aged two years and under](#)

[Xpert MTB/RIF Ultra assay for tuberculosis disease and rifampicin resistance in children](#)

Systematic reviews from other sources

[A systematic review of the optimal drainage technique for septic hip arthritis in children.](#)

[Antibiotic exposure and adverse long-term health outcomes in children: A systematic review and meta-analysis.](#)

[Autopsy findings of COVID-19 in children: a systematic review and meta-analysis.](#)

[Causes of low vision in children: A systematic review.](#)

[Childhood nephrotic syndrome and the clinical profile of thromboembolism: a systematic review and meta-analysis.](#)

[Core Outcome Sets in Child Health: A Systematic Review.](#)

[Efficacy of conservative treatment for spastic cerebral palsy children with equinus gait: a systematic review and meta-analysis.](#)

[Fecal Calprotectin in Children with Cow's Milk Protein Allergy: A Systematic Review and Meta-Analysis.](#)

[Gastrointestinal viral shedding in children with SARS-CoV-2: a systematic review and meta-analysis.](#)

[Giftedness and Neurodevelopmental Disorders in Children and Adolescents: A Systematic Review.](#)

[Leukocyte telomere length and obesity in children and adolescents: A systematic review and meta-analysis.](#)

[Pharmacotherapy in paediatric type 2 diabetes mellitus: a protocol for a systematic review and network meta-analysis of randomised trials.](#)

[Post-concussive Signs and Symptoms in Preschool Children: A Systematic Review.](#)

[Prevalence and clinical presentation of long COVID in children: a systematic review.](#)

[Prevalence of suicidal ideation and self-harm behaviours in children aged 12 years and younger: a systematic review and meta-analysis.](#)

[Relationships between childhood trauma and multiple sclerosis: A systematic review.](#)

[Risk factors for Clostridioides difficile infection in children: A systematic review and meta-analysis.](#)

[Safety and efficacy of abacavir for treating infants, children, and adolescents living with HIV: a systematic review and meta-analysis.](#)

[Safety of Quinolones in Children: A Systematic Review and Meta-Analysis.](#)

[Screening for Prediabetes and Type 2 Diabetes in Children and Adolescents: Evidence Report and Systematic Review for the US Preventive Services Task Force.](#)

[Sodium assessment in neonates, infants, and children: a systematic review.](#)

[Systematic Review of Definitions and Outcome Measures for Postoperative Ileus and Return of Bowel Function after Abdominal Surgery in Children.](#)

[Systematic review with network meta-analysis on the treatments for latent tuberculosis infection in children and adolescents.](#)

How does patching compare with observation for children with intermittent exotropia?

In preterm or low birth weight infants, do cyclo-oxygenase inhibitors (COX-I) help prevent morbidity and mortality?

What is the accuracy of guaiac-based fecal occult blood tests (gFOBTs) and fecal immunochemical tests (FITs) compared with colonoscopy for colorectal cancer screening in average-risk people?

What is the accuracy of Xpert Ultra for diagnosing pulmonary tuberculosis (TB) in children, using culture as the reference standard?

Primary Research

10 Year Follow-Up of Randomized Trial of Laparoscopic Nissen Versus Thal Fundoplication in Children.

A phase I trial of metformin in combination with vincristine, irinotecan, and temozolomide in children with relapsed or refractory solid and central nervous system tumors: A report from the national pediatric cancer foundation.

Dolutegravir twice-daily dosing in children with HIV-associated tuberculosis: a pharmacokinetic and safety study within the open-label, multicentre, randomised, non-inferiority ODYSSEY trial.

Dupilumab in children aged 6 months to younger than 6 years with uncontrolled atopic dermatitis: a randomised, double-blind, placebo-controlled, phase 3 trial.

Dupilumab in children aged 6 months to younger than 6 years with uncontrolled atopic dermatitis: a randomised, double-blind, placebo-controlled, phase 3 trial.

Effect of Maternal Immunization With 10-Valent Pneumococcus Conjugate Vaccine (PCV-10), 23-Valent Pneumococcus Polysaccharide Vaccine, or Placebo on the Immunogenicity of PCV-10 in Human Immunodeficiency Virus-Exposed Uninfected Infants: A Randomized Clinical Trial.

Is modified reverse step-cut osteotomy better than Yun's reverse V osteotomy in paediatric cubitus varus deformity correction? A prospective, double-blinded, randomized controlled trial.

Leveraging Clinical Trial Populations and Data from the Children's Oncology Group for Cancer Survivorship Research.

Looking for the best strategy to treat children with new onset juvenile idiopathic arthritis: presentation of the "comparison of STep-up and step-down therapeutic strategies in childhood ARthritis" (STARS) trial.

Multispecies Probiotic for the Prevention of Antibiotic-Associated Diarrhea in Children: A Randomized Clinical Trial.

Parenteral vs Oral Vitamin B12 in Children With Nutritional Macrocytic Anemia: A Randomized Controlled Trial.

Pharmacokinetics, Pharmacodynamics, and Safety of Etrolizumab in Children With Moderately to Severely Active Ulcerative Colitis or Crohn's Disease: Results from a Phase 1 Randomized Trial.

Protocol for a Randomized Multiple Center Trial of Conservative Versus Liberal Oxygenation Targets in Critically Ill Children (Oxy-PICU): Oxygen in Pediatric Intensive Care.

Randomized controlled trial to compare safety and efficacy of mycophenolate vs. cyclosporine after rituximab in children with steroid-resistant nephrotic syndrome.

Reframe the pain: Divided attention and positive memory reframing to reduce needle pain and distress in children-A feasibility randomized controlled trial.

The Pediatric Heart Network's Study on Long-term Outcomes of Children with HLHS and the Impact of Norwood Shunt Type in the Single Ventricle Reconstruction Trial Cohort (SVRIII): Design and Adaptations.

Treatment of infant colic with craniosacral therapy. A randomized controlled trial.



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Topic: [Assessment of abdominal pain in children](#)

Topic: [Fetal alcohol spectrum disorders](#)

Topic: [Hypogammaglobulinaemia](#)

Topic: [Pyloric stenosis](#)

Paediatrics in the News

<https://www.england.nhs.uk/news/>

[NHS staff help patients pay tribute to the Queen](#)

[NHS urges parents to book children in for essential MMR vaccination](#)

[Statement from Amanda Pritchard, chief executive of NHS England](#)

Online Resources

[BestBETs](#) - BETs bring the evidence one step closer to the bedside, by providing answers to very specific clinical problems, using the best available evidence.

[British National Formulary \(BNCF\) for Children](#)

[Children and Young People – Government Policy](#)

[The Royal Marsden Manual of Clinical Procedures](#) – available via your Athens login

Journals & table of contents alerts

The Clinical Librarian team can help set up table of content alerts to the journal of your choice.

[Archives of Disease in Childhood](#)

[Paediatrics and Child Health](#)

[BMC Pediatrics](#)

[Nursing Children and Young People](#)

[Pediatric Nursing](#)

[Pediatrics](#)

National Institute for Health Research (NIHR)



No updates.



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[Dulaglutide for type 2 diabetes in adolescents](#)

[New ACIP recommendations for seasonal influenza vaccination](#)

[Sexual abuse of children in health care settings](#)

[Updated recommendations for pneumococcal vaccination in children and adolescents](#)

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